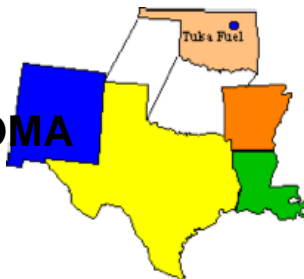


TULSA FUEL & MANUFACTURING (TULSA COUNTY) COLLINSVILLE, OKLAHOMA



EPA REGION 6 CONGRESSIONAL DISTRICT 01

Contact:
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EPA ID# OKD987096195
Site ID: 0604674

Last Updated: November 2012

Current Status

- The site consists of an abandoned 60.7-acre former zinc smelter facility, located in Collinsville, Tulsa County, Oklahoma. The United States Environmental Protection Agency (EPA) and the Oklahoma Department of Environmental Quality (ODEQ) have worked closely in developing the necessary investigations, work plans, and other activities needed to address the on-site contamination issues from and at the Tulsa Fuel & Manufacturing site. Final investigations identified arsenic, cadmium, and lead as the on-site and off-site contaminants of concern.
- ODEQ took the lead in the investigation by hiring a consultant to perform site-wide sampling, to assess risks, and to develop feasible alternatives for cleanup based on information gathering results. The remedial investigation studies and field sampling began in early 2005. A two-phase (Phase I & Phase II) sampling and evaluation process was performed by ODEQ. All of Phase I sampling, which included surface water, surface soil, and groundwater on and off site was completed in July 2007. The ODEQ has compiled these sampling results and completed data validation. The overall project for conducting the necessary investigations and studies needed to identify feasible cleanup options was completed in October 2007. Furthermore, a Supplemental RI to investigate potential off-site contamination issues was performed in late 2007 and completed in March 2008.
- The EPA and ODEQ have conducted periodic public meetings to keep the community informed of on-going work and progress at the site.
- A Proposed Plan to identify the preferred remedial action alternative to address contamination at the site was unveiled on July 24, 2008, in Collinsville. At this public meeting, EPA and ODEQ presented and described the other remedial alternatives considered in the Feasibility Study Report and provided information on how the community members may be involved in the remedy selection process for the site. The Public Comment Period to solicit public review and comment on the remedial action alternatives and supporting analysis began on July 1, 2008 and closed-out on July 31st.
- The Record of Decision that documents the selection of the remedy was issued by EPA on November 24, 2008.
- ODEQ is currently managing and overseeing some off-site contamination activities with a PRP under a voluntary program in Collinsville.
- A viable PRP has not yet been identified. The remedial design (RD) phase will be performed by ODEQ with financial assistance and oversight by EPA. A Statement of Work and Cost Estimate for the RD was approved by EPA in August 2011. The State-Lead RD began in September 2011. RD work is expected to take up to two years to complete.
- The preliminary field work for the RD is complete. A treatability study to find the best way to

stabilize waste in an on-site landfill will be conducted in early August 2012 and a report will be issued for review. The preliminary design work will begin this fall.

Benefits

The ODEQ and EPA have performed the necessary enforcement activities. In 2004, at ODEQ's request, an EPA emergency response team erected a perimeter fence to limit public access to the contaminants and possible risks at the site. ODEQ has also obtained samples of blackberries from the site, and their investigation has determined that there is very little potential for these plants to uptake metals from the site.

Remediation of the contaminated media will reduce current and future human health and ecological risks associated with the on-site and some off-site contaminants. Moreover, revitalization of the area will encourage reuse or redevelopment plans.

National Priorities Listing (NPL) History

The site was proposed for NPL inclusion in 1998, and placed on the National Priorities List in 1999.

Site Description

Location: The Tulsa Fuel and Manufacturing site is located on the west side of Highway 169, approximately 1.3 miles south of downtown Collinsville, Oklahoma. The City of Collinsville is 12 miles north of Tulsa, in northeast Oklahoma.

Population: Within 2 miles of the property, there are approximately 8 residents, and within 3 miles there are approximately 100 residents.

Setting: Undeveloped vacant properties surround the site to the north and west; two man-made ponds and remains of a strip mine are to the south; and Old Highway 169 and railroad tracks are to the east.

Wastes and Volumes

Lead, cadmium, and arsenic are the primary contaminants of concern at the site. The site contains an estimated 30,000 – 35,000 cubic yards of heavy-metal-contaminated soil.

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